

PTO/SB/17 (12-04)

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180)

### Complete if Known

Application Number 10/661,154  
Filing Date September 12, 2003  
First Named Inventor Masataka Innan  
Examiner Name Eron J. Sorrell  
Art Unit 2182  
Attorney Docket No. 16869K-093800US

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):  
☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Small Entity	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25	
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100	
Multiple dependent claims	360	180	

Total Claims -20 or HP = Extra Claims x Fee (\$) = Fee Paid (\$)  
HP = highest number of total claims paid for, if greater than 20  
Indep. Claims -3 or HP = Extra Claims x Fee (\$) = Fee Paid (\$)  
HP = highest number of independent claims paid for, if greater than 3

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = Extra Sheets / 50 = Number of each additional 50 or fraction thereof x Fee (\$) = Fee Paid (\$)  
(round up to a whole number)

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

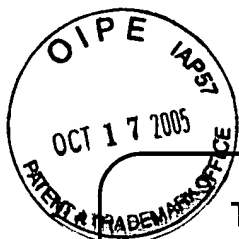
Other: Submission of Information Disclosure Stmt

Fees Paid (\$)

180

#### SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 41,405	Telephone 650-326-2400
Name (Print/Type)	Chun-Pok Leung		Date 10-12-05



PTO/SB/21 (09-04)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/661,154
Filing Date	September 12, 2003
First Named Inventor	Masataka Innan
Art Unit	2182
Examiner Name	Eron J. Sorrell
Attorney Docket Number	16869K-093800US

**ENCLOSURES (Check all that apply)**

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>USPTO form SB08A two pages), copies of five cited foreign patent references, Return Postcard |
|---|---|---|

Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Chun-Pok Leung		
Date	10-12-05	Reg. No.	41,405

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Roger Hyton	Date	10/13/05

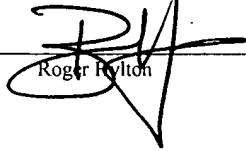
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P.O. Box 1450  
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On OCT 13, 2005

TOWNSEND and TOWNSEND and CREW LLP

By:

  
Roger Peyton



PATENT  
Attorney Docket No.: 16869K-093800US  
Client Reference No.: 603/SM/mt

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Masataka INNAN, et al.

Application No.: 10/661,154

Filed: September 12, 2003

For: STORAGE SYSTEM, AND  
METHOD FOR CONTROLLING THE  
SAME

Examiner: Eron J. Sorrell

Art Unit: 2182

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the cited foreign patent references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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~~02 FC:1806 180.00 DA~~

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Chun-Pok Leung  
Reg. No. 41,405

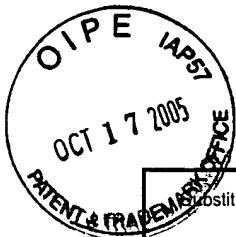
TOWNSEND and TOWNSEND and CREW LLP  
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Tel: 650-326-2400  
Fax: 650-326-2422  
RL:rmh



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/661,154		
		Filing Date	September 12, 2003		
		First Named Inventor	Masataka Innan		
		Art Unit	2182		
Sheet	1	of	2	Examiner Name	Eron J. Sorrell
				Attorney Docket Number	16869K-093800US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	1	U.S. 6,883,064	04-19-2005	Yoshida et al.	
	2	U.S. 2005/0081009	04-14-2005	Williams et al.	
	3	U.S. 6,851,020	02-01-2005	Matsumoto et al.	
	4	U.S. 2005/0010743	01-13-2005	Tremblay et al.	
	5	U.S. 2004/0260875	12-23-2004	Murotani et al.	
	6	U.S. 2004/0260966	12-23-2004	Kaiya et al.	
	7	U.S. 6,826,778	11-30-2004	Bopardikar et al.	
	8	U.S. 2004/0230980	11-18-2004	Koyama et al.	
	9	U.S. 6,816,948	11-09-2004	Kitamura et a.	
	10	U.S. 6,799,255	09-28-2004	Blumenau	
	11	U.S. 2004/0172510	09-02-2004	Nagashima et al.	
	12	U.S. 2004/0148443	07-29-2004	Achiwa	
	13	U.S. 2004/0143832	07-22-2004	Yamamoto et al.	
	14	U.S. 2004/0123180	06-24-2004	Soejima et al.	
	15	U.S. 6,745,281	06-01-2004	Saegusa	
	16	U.S. 2004/0054850	03-18-2004	Fisk et al.	
	17	U.S. 6,708,232	03-16-2004	Obara	
	18	U.S. 2004/0049553	03-11-2004	Iwamura et al.	
	19	U.S. 6,684,310	01-27-2004	Anzai et al.	
	20	U.S. 6,681,303	01-20-2004	Watabe et al.	
	21	U.S. 2004/0003022	01-01-2004	Garrison et al.	
	22	U.S. 6,654,830	11-25-2003	Taylor et al.	
	23	U.S. 2003/0212854	11-13-2003	Kitamura et al.	
	24	U.S. 6,647,476	11-11-2003	Nagasawa et al.	
	25	U.S. 2003/0204597	10-30-2003	Arakawa et al.	
	26	U.S. 6,640,278	10-28-2003	Nolan et al.	
	27	U.S. 6,640,291	10-28-2003	Fujibayashi	
	28	U.S. 2003/0182525	09-25-2003	O'Connell	
	29	U.S. 2003/0145169	07-31-2003	Nagasawa	
	30	U.S. 6,598,134	07-22-2003	Ofek et al.	
	31	U.S. 2003/0126327	07-03-2003	Pesola et al.	
	32	U.S. 6,553,408	04-22-2003	Merrell et al.	
	33	U.S. 6,523,096	02-18-2003	Sanada et al.	
	34	U.S. 2002/0194523	12-19-2002	Ulrich et al.	
	35	U.S. 6,484,173	11-19-2002	O'Hare et al.	
	36	U.S. 2002/0156887	10-24-2002	Hashimoto	
	37	U.S. 6,457,139	09-24-2002	D'Errico et al.	
	38	U.S. 6,446,141	09-03-2002	Nolan et al.	
	39	U.S. 6,356,977	03-12-2002	Ofek et al.	
	40	U.S. 2002/0004857	01-10-2002	Arakawa et al.	
	41	U.S. 2001/0052018	12-13-2001	Yokokura	
Examiner Signature		Date Considered			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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			Application Number	10/661,154	
			Filing Date	September 12, 2003	
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			Examiner Name	Eron J. Sorrell	
Sheet	2	of	2	Attorney Docket Number	16869K-093800US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	42	U.S. 6,240,486	05-29-2001	Ofek et al.	
	43	US. 6,240,494	05-29-2001	Nagasawa et al.	
	44	U.S. 6,230,239	05-08-2001	Sakaki et al.	
	45	U.S. 6,219,753	04-17-2001	Richardson	
	46	U.S. 6,098,129	08-01-2000	Fukuzawa et al.	
	47	U.S. 5,978,890	11-02-1999	Ozawa et al.	
	48	U.S. 5,956,750	09-21-1999	Yamamoto et al.	
	49	U.S. 5,835,954	11-10-1998	Duyanovich et al.	
	50	U.S. 5,758,118	05-26-1998	Choy et al.	
	51	U.S. 5,680,640	10-21-1997	Ofek et al.	
	52	U.S. 5,548,712	08-20-1996	Larson et al.	
	53	U.S. 5,408,465	01-18-1995	Gusella et al.	
	54	U.S. 4,025,904	05-24-1977	Adney et al.	
	55	U.S. 3,771,137	11-06-1973	Barner et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	56	JP	2002-230246	A	08-16-2002	Hitachi Ltd.		<input checked="" type="checkbox"/>
	57	JP	2002-157091	A	05-31-2002	Hitachi Ltd.		<input checked="" type="checkbox"/>
	58	JP	2001-067187	A	03-16-2001	Hitachi Ltd.		<input checked="" type="checkbox"/>
	59	JP	2000-293317	A	10-20-2000	Hitachi Ltd.		<input checked="" type="checkbox"/>
	60	JP	10-283272	A	10-23-1998	Hitachi Ltd.		<input checked="" type="checkbox"/>

Examiner Signature		Date Considered	
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